

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): AO et al.

Serial No.: 10/717,902

Filed: November 21, 2003

Title: **MAGNETIC IMPEDANCE DEVICE,  
SENSOR APPARATUS USING THE  
SAME AND METHOD FOR  
MANUFACTURING THE SAME**

Atty. Dkt.: 01-527

Group Art Unit: 2862

Examiner: LINDSAY JR., Walter Lee

Commissioner for Patents  
Alexandria, VA 22313-1450

Date: September 28, 2006

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §1.56, the reference(s) listed on the attached Form PTO-1449 is/are being brought to the attention of the Examiner without any admission that it/they constitute(s) statutory prior art, or without any admission that it/they contain(s) subject matter that anticipates the invention or renders the invention obvious to a person of ordinary skill in the art.

Further, pursuant to 37 C.F.R. §1.97(e), the undersigned hereby certifies that each listed reference was first cited in a Communication (copy and English translation enclosed) from a foreign patent office in connection with a counterpart foreign application not more than three months prior to the filing of this statement. Please note that reference JP-A-2001-116773 was already cited in an information disclosure statement in connection with the above-identified patent application filed on November 21, 2003.

Although no fees are believed to be due at this time, it is respectfully requested that any such fees be charged to Deposit Account 50-1147. Also, the Examiner is requested to initial the attached PTO Form-1449 and to return a copy of same to the undersigned attorney as proof that the listed reference(s) has/have been considered and made of record.

Respectfully submitted,



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FORM PTO-1449	ATTY. DKT NO.	01-527	SER. NO.	10/717,902
	APPLICANT	AO et al.		
	FILING DATE	November 21, 2003	GROUP	2862

REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	6,692,153 B2 (Corresponds to JP-A-2002-267680)	2/17/04	OHTSUKI et al.		
	6,939,050 B2 (Corresponds to JP-A-2002-267680)	9/6/05	OHTSUKI et al.		
	2005/0259902 A1 (Corresponds to JP-A-2002-267680)	11/24/05	OHTSUKI et al.		
	6,232,767 B1 (Corresponds to JP-A-10-115627)	5/15/01	KAWASE et al.		
	6,246,226 B1 (Corresponds to JP-A-10-115627)	6/12/01	KAWASE et al.		
	5,637,995 (Corresponds to JP-A-07-027571)	6/10/97	IZAWA et al.		

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	TRANSLATION	
								NO	Eng. Abstract
	JP-A-2003-056378	2/26/03	JAPAN						X
	JP-A-06-174409	6/24/94	JAPAN						X
	JP-A-09-329619	12/22/97	JAPAN						X
	JP-A-10-300763	11/13/98	JAPAN						X
	JP-A-11-230782	8/27/99	JAPAN						X

\* Full English text is available in machine-translated form in JPO (Japanese Patent Office) English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	Notice of Reason for Refusal from Japanese Patent Office issued on August 29, 2006 for the corresponding Japanese patent application No. 2003-058900 (a copy and English translation thereof)
	Notice of Reason for Refusal from Japanese Patent Office issued on September 5, 2006 for the corresponding Japanese patent application No. 2003-058899 (a copy and English translation thereof)
EXAMINER	DATE CONSIDERED